



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/782-1724

SPECIAL EXCEPTION PERMIT

June 21, 2019

Craig Blanchette, President
Aqua Illinois – Kankakee
1000 South Shuyler Avenue
Kankakee, IL 60901

Re: Aqua Illinois – Kankakee (IL0915030)
Lead and Copper Rule
Sequential Sampling of Premise Plumbing and Water Services
Log Number 2019-1336

Dear Mr. Blanchette:

The Agency has determined that lead profiles need to be created for the Aqua Illinois -Kankakee community water supply to investigate how lead concentrations in premise plumbing fluctuate beyond first-draw samples. These lead profiles are being required pursuant to Section 19 of the Environmental Protection Act.

To create a lead profile, please refer to Appendix C of the Optimal Corrosion Control Treatment Evaluation Technical Recommendations for Primacy Agencies and Public Water Supplies, March 2016 guidance manual. After at least 6 hours of stagnation, water utility staff need to collect sequential 1-liter bottles of water without turning off the tap, typically from a kitchen sink, until all of the estimated volume in the pipe and service line has been collected (up to the water main, typically 10 – 15 bottles). From the results, use a spreadsheet to create a profile for each address. The x-axis represents the sequential samples in liters.

Develop lead profiles from at least five homes with a lead service line every three months. Submit results to the Compliance Assurance Section within 10 days of the end of each quarter. Quarterly sample collection needs to continue indefinitely.

If you have any questions regarding this determination, please contact Permit Section staff at 217/782-1724.

Sincerely,

David C. Cook, P.E.
Manager, Permit Section
Division of Public Water Supplies

DCC:RJY

cc: Donald Default, Certified Operator
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DPWS/CAS

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